



# CONSTRUCTION EQUIPMENT

41829 LANDMARK VOLVO A40G 352361 - BOGIE/CENTER AXLE



**Sample No:** VCP454615  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 41829 LANDMARK



## SAMPLE INFORMATION

Sample Number	<b>VCP454615</b>	VCP295559	---	---
Sample Date	<b>12 Apr 2024</b>	01 Dec 2020	---	---
Machine Hours	<b>3829</b>	899	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**BALFOUR BEATTY INFRASTRUCTURE INC**  
 6701 OLD PLANK RD  
 PARKTON, NC  
 US 28371  
 Contact: Service Manager



## OIL CONDITION

Visc @ 40°C	cSt	<b>49.1</b>	51.7	---	---
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T:  
F:



## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>2</b>	0	---	---
Sodium	ppm	<b>2</b>	3	---	---
Potassium	ppm	<b>0</b>	2	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>59</b>	276	---	---
Copper	ppm	<b>0</b>	3	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>0</b>	<1	---	---
Chromium	ppm	<b>&lt;1</b>	3	---	---
Molybdenum	ppm	<b>3</b>	1	---	---
Nickel	ppm	<b>0</b>	<1	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	<1	---	---
Manganese	ppm	<b>2</b>	14	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>49</b>	16	---	---
Magnesium	ppm	<b>13</b>	<1	---	---
Zinc	ppm	<b>73</b>	14	---	---
Phosphorus	ppm	<b>2519</b>	2607	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>290</b>	243	---	---

**Depot:** BALPARNC  
**Unique No:** 10980892  
**Signed:** Sean Felton  
**Report Date:** 18 Apr 2024



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## GRAPHS

